Receipt date: 11/21/2005 11:07/855-76812 8796

## IAP12 Rec'd PCT/PTO 21 NOV 2005

**PATENT** 

50058

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Akihiko KANZAKI et al.

Serial No.: not yet received

Filed: herewith

For: WATER-SOLUBLE POLYMER AND ITS PRODUCTION PROCESS AND USES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.97 and § 1.98, Applicants bring the disclosures attached and listed on completed Form PTO-1449 to the Examiner's attention and request that they be considered and made of record in this application.

JP-A-270605/1987 corresponds to U.S. Patent Nos. 4,774,303 and 4,862,930.

Japanese Patent No. 2574144/1996 corresponds to U.S. Patent Nos. 5,993,666 and 5,733,857.

JP-A-52915/1997 corresponds to U.S. Patent Nos. 5,859,286 and 6,107,428. WO 95/03342 corresponds to U.S. Patent Nos. 5,733,857 and 5,993,666. JP-A-12627/2002 corresponds to EP 1101778.

In accordance with the amendments to 37 C.F.R. §1.98(a) (revisions effective October 21, 2004) and as discussed in the October 19, 2004 Official Gazette (1287 OG 163), copies of U.S. patents and published applications cited on the attached Form PTO-1449 are not enclosed.

Receipt date: 11/21/2005 11/21/2005 11/21/2005

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Prompt examination on the merits is respectfully requested.

Respectfully submitted,

Garrett V. Davis Reg. No. 32,023

Roylance, Abrams, Berdo & Goodman, L.L.P. 1300 19<sup>th</sup> Street, N.W., Suite 600 Washington, D.C. 20036-1649 (202) 659-9076

Dated: Nov. 21,2005

Sheet

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) at 1 of 2

Complete if Known
Application Number Not yet received
Filing Date Herewith
First Named Inventor Akhiko KANZAKI
Art Unit
Examiner Name
Attomet Docket Number 50058

		U.S.	PATENT DOCU	MENTS	
Examiner Initials	Cite No.	Document Number  Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US-4,774,303	09-27-1988	Denzinger et al.	
		US-4,862,930	09-05-1989	Sauerbruch	
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		US-5,733,857	03-31-1998	Yamaguchi et al.	
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Foreign Patent Document  Country Code-Number- Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т		
		JP 11-35989 🔍	02-09-1999	Kao Corp	English abstract			
		JP 62-270605>	11-25-1987					
		JP 5-239114 ~	09-17-1993	Rohm & Haas Co	English abstract			
		JP 5-247143 · ≺	09-24-1993	BASF AG	English abstract			
		JP 3-2167 →	01-14-1991	Kao Corp	English abstract			
		JP 3-14016 ->	02-25-1991	Dainippon Ink & Chem	English abstract			
		JP 2574144 · 🛶	10-24-1996					
i		JP 9-52915 ·	02-25-1997					
		WO 95/03342	02-02-1995	Nippon Shokubai Co Ltd				
		JP 2000-355615.	12-26-2000	Nippon Shokubai Co Ltd	English abstract			

NON PATENT LITERATURE DOCUMENTS					
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		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),			

Examiner Signature	/Michael Bernshteyn/	Date Considered	09/29/2008

Receipt date: 11/21/2005

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) of 2 of 2

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Application Number Not yet received

Filing Date Herewith
First Named Inventor Askinko KANZAKI
Art Unit

Examiner Name

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		U.S.	PATENT DOCU	MENTS	
Examiner Initials	Cite No.	Document Number  Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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Examiner Initials	Cite No.	Foreign Patent Document  Country Code-Number- Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т
		JP 2002-12627 —	01-15-2002			$\Box$
		EP 1 101 778 -	05-23-2001	Nippon Shokubai Co Ltd		
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		WO 00/59958 -	10-12-2000	Idemitsu Petrochem Co	English abstract	
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NON PATENT LITERATURE DOCUMENTS					
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